

NIR SIG@APNIC46
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JPNIC Update

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一般社団法人 日本ネットワークインフォメーションセンター

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Activities



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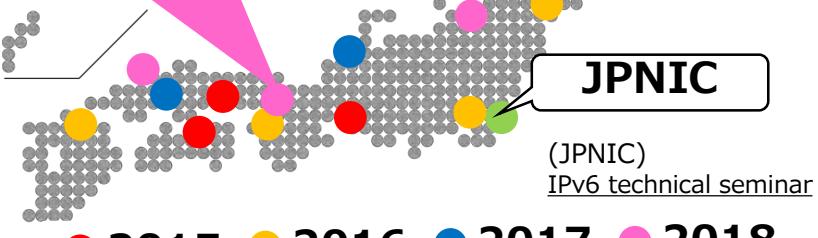
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Promoting IPv6!

- Collaborating other organization
 - Providing information for IPv6
 - IPv6 Seminar
 - Sharing IPv6 deployment status



(IAjapan)
IPv6 Regional summit



● 2015 ● 2016 ● 2017 ● 2018

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(IPv4 Exhanstion Task Force)
Providing information on Web page
<http://kokatsu.jp/>

Updates on RPKI

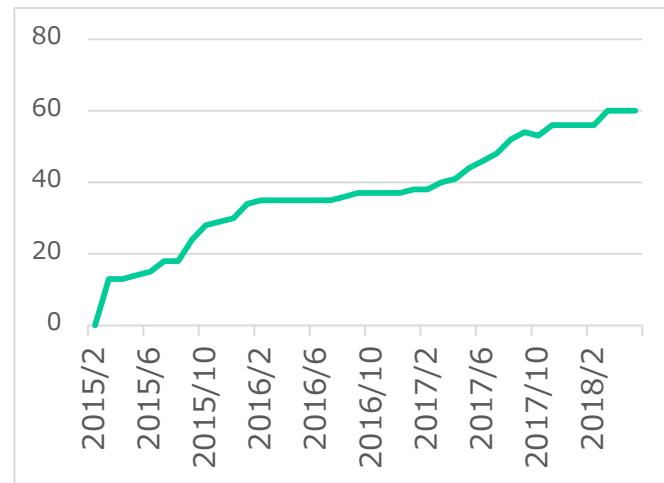
- Statistics
 - Publish 63 resource certificates and 248 ROAs
 - Coverage: 3.3% (IPv4) / 38.1% (IPv6)
- Training Course
 - Hands-on for beginner
 - 2018: April, June and October
- Presentations



TWNIC IP OPM(2018/06)



VNIX-NOG(2018/08)



The number of resource cert.

JPNIC Open Policy Meeting

- 34th(2018/06/19)

※About 20 attendees

- 3 Policy proposal
 - 103/8 management(To collect opinion for prop-120)
 - Announcing IPv6 allocation/assignment prefix
 - Delegation Reverse zone to consumer site
- Informational sessions
 - Tips of distributing number resources
 - Session for more understanding of resource policy
 - “The real of Internet Routing after IPv4 exhaustion”
 - Conference report(APNIC45, RIPE76)



Engagement with JANOG

- **JANOG:Japan Network Operators Group**
 - JANOG42@Mie (2018/07, 1000attendees)
 - Contributed as Local Sponsor
 - Served as JANOG42 Meeting staff
 - Offered opportunity for JPNIC members and LIRs to meet with JPNIC staff in casual setting
 - Making some presentations



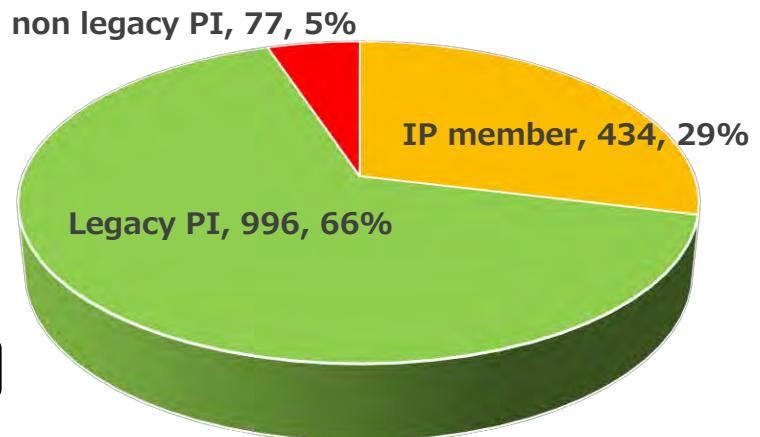
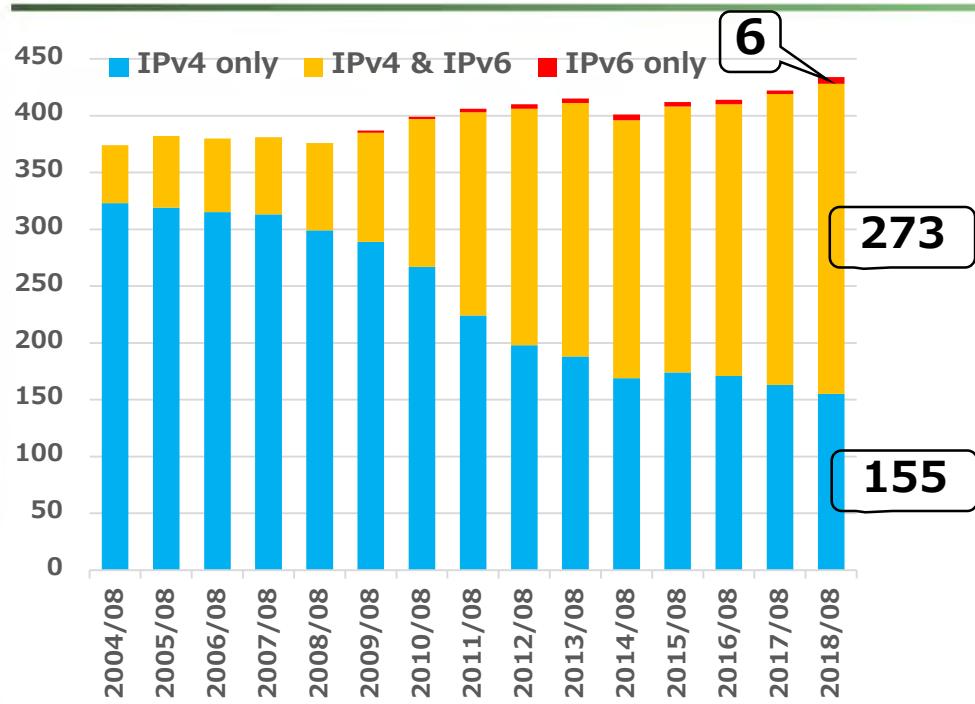
Statistics



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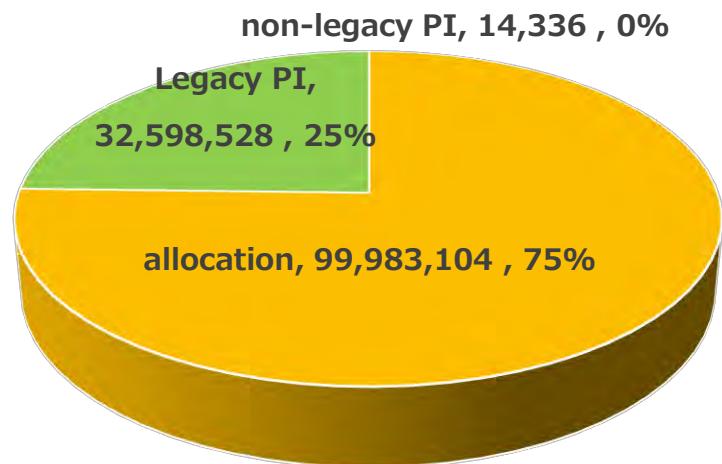
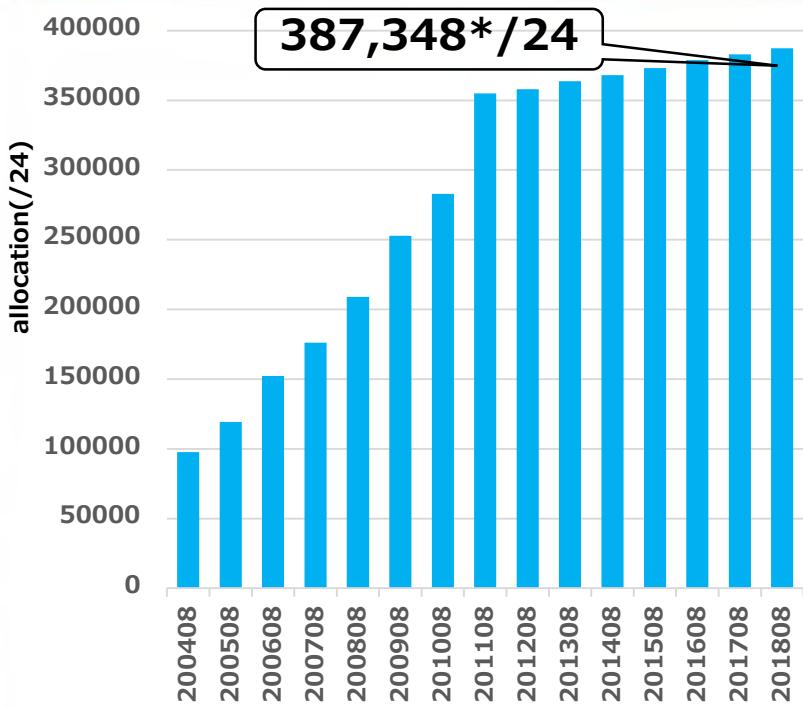
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Member/Resource holder



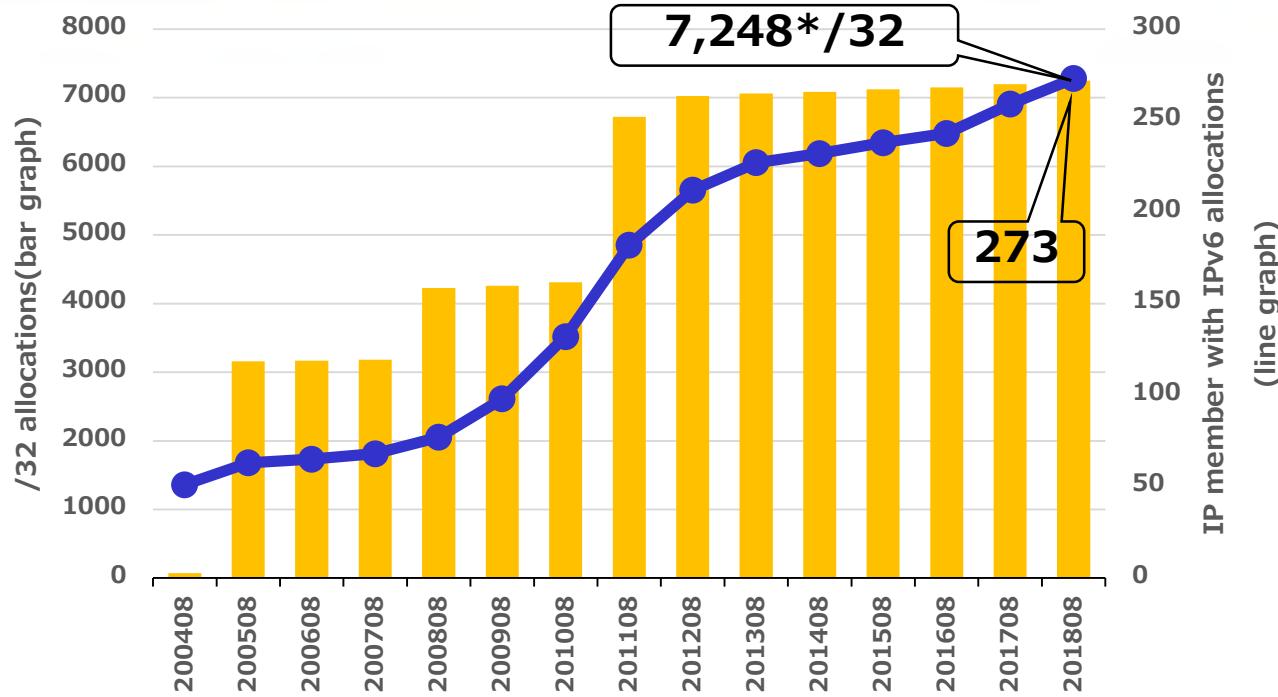
- 434 IP Member and 1,000 resource holder

IPv4 distribution



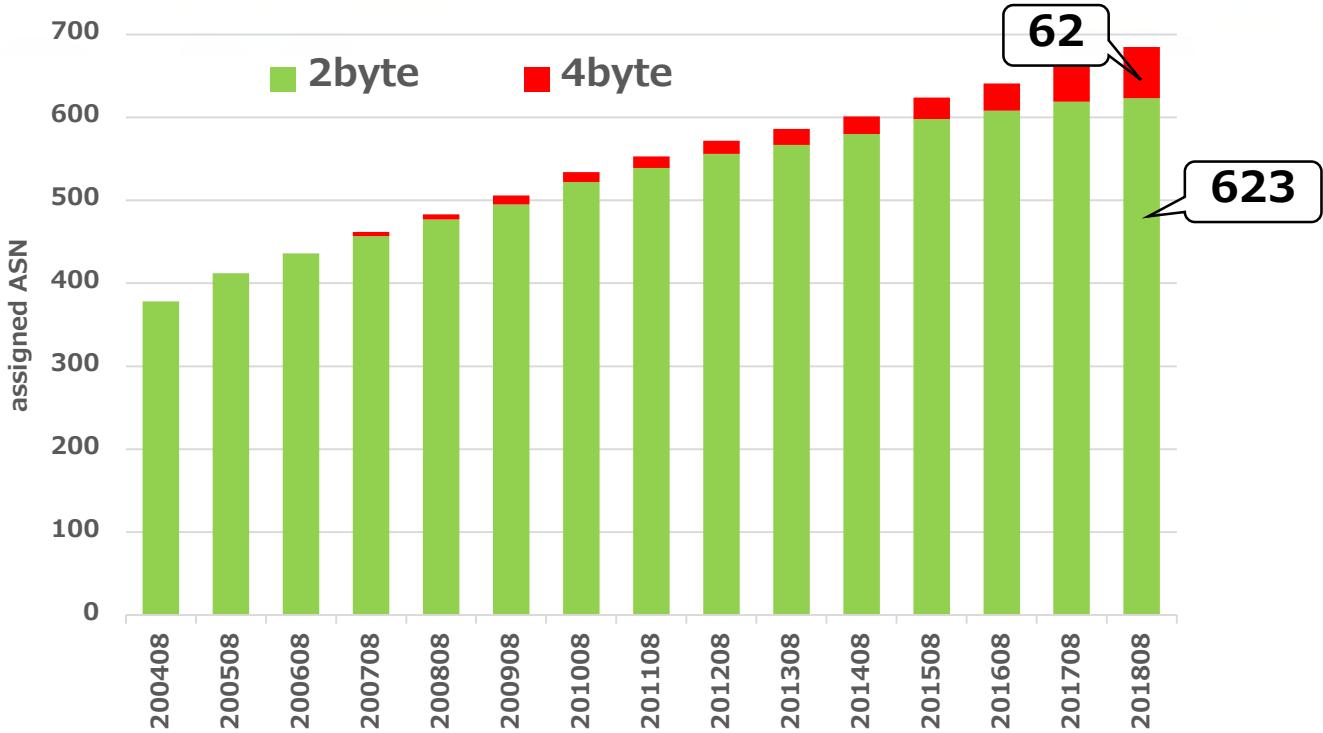
- Total IPv4 Managed by JPNIC = 7.9 */8
- The legacy space is about 25%

IPv6 distribution



- Total IPv6 allocations by JPNIC = $7,248^*/32$
- 63% of IP member have already received IPv6 allocations.
- There are $145^*/48$ portable assignments.

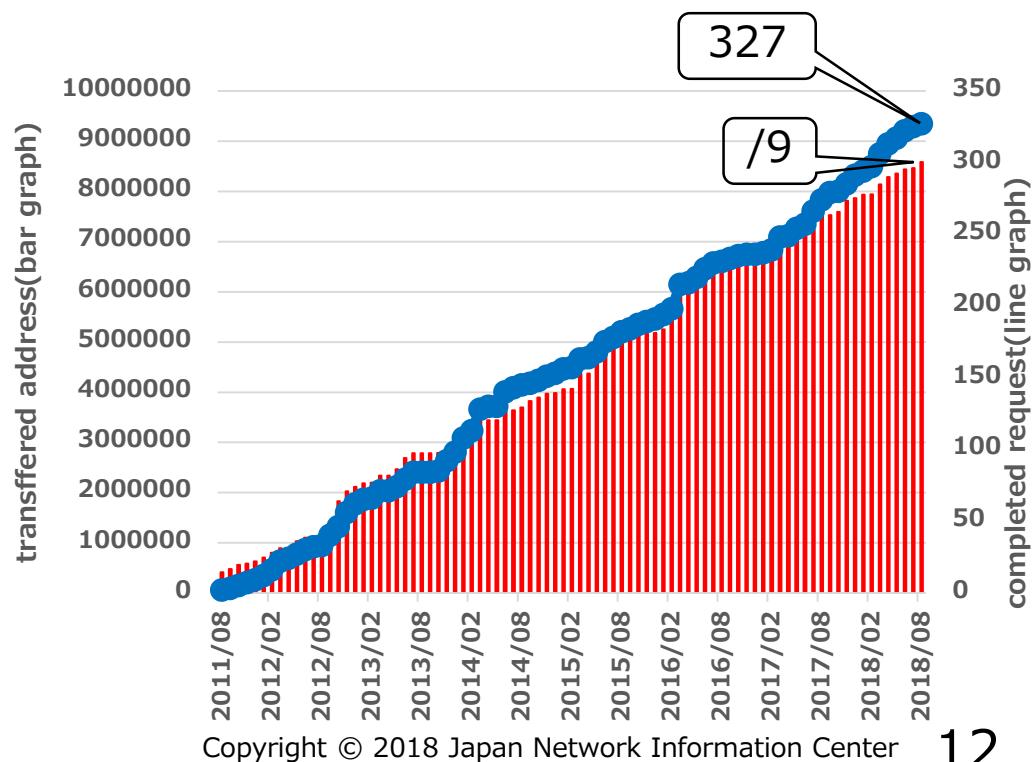
ASN distribution



- 685 ASNs has been assigned
 - 4 (2byte) & 18 (4byte) assigned last 1 year.

IPv4/ASN market transfer

- 328 cases completed
 - IPv4 : 327 cases (2011/08-2018/08)
 - ASN : 6 cases (2014/06-2018/08)
- Inter registry transfers (All cases are IPv4)
 - APNIC : 31 cases
 - In : 22 / Out : 9
 - ARIN : 36 cases
 - In : 35 / Out : 1
 - RIPE : 7 cases
 - In : 5 / Out : 2



Thank you!



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JPNIC Blog <https://blog.nic.ad.jp/>
(Sorry, All contents are written by Japanese)



JPNIC secretariat

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